



# OREGON

# TUALATIN

# VALLEY

MAY, 1983

## AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Ore. 97006

Meeting: Wednesday, May 11 at 7:00 pm....  
Coffee, juice and cookies at BREAK time...

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	NB7W	Trustee:	Bob Orr	KB7CC
			Trustee:	Dick Powers	WB7ADM

Editor: Al Berg WB7SIC

Copy: Dennis Boyd KC7BE

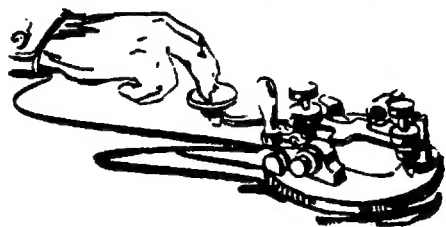
## MEETING CHANGE

The MAY meeting will be held on the SECOND Wednesday, May 11, so please mark your calendar accordingly. June will see us back on our regular schedule of the third Wednesday of the month. Which, by the way, will be after the convention and only 9 days short of FIELD DAY. Time is flying by and work is piling up. Hope all of the usual heavy helpers have their lawns mowed and most of the other usual spring chores taken care of! Convention, field day and the annual club campout are all in a 12 week period. We also face the usual round of public service events that are prevelant during the summer months and into the fall season.

It was too bad that our April program was a no-show. Lots of family members were seen that had not been seen before and quite a few of them, particularly the little ones, went away with a tear in the eye because little HERO 1 did not show up. Well, the best laid plans etc. etc... It is not very often that we have a disappointed group as those who do the program planning are usually right on top of things. Let us hope that they continue with the past batting average. If they do, we shall not expect another no-show for at least two years. Hi!!

Doc, KA7BSD, had a very serious accident recently which could have led to deafness. I won't go into all the details other than to tell you that he has recovered and his hearing is returning. Good thing too. All that DX out there wouldn't know what to do if it were not for Doc.

Arlene Reed has been in the hospital recovering from a heart problem and sure hope that everything is coming along well. Arlene and Janet, WB7-FJC, made a quilt for little Peter Borsch and gave it to papa Joe at the April meeting. A very nice thing to do for our friends from Portland Radio. Thanks gals and once again, good luck to Arlene.....



### 'Basic Boo-Boo'

Last months "Happy Hour" phone contest bit was not written by N7CRP but by Carl Henniger, KA7GHR, who, by the way, we have not seen at a meeting for quite some time. As Carl works for the Oregonian, and must be up on editorial credits, it was deemed

wise to give credit where due. A big 'sorry' to Carl and 40 lashes to the editor!!! The scars are piling up.

The meeting raffles are great fun but it sure is getting to be a bore to see the same people go home with all the antennas and headphones that the club gives away. Dick and Joanne Powers are considering opening up a new store which specializes in used raffle prizes. Namely antennas and headphones. Might even be a 450 handheld to be found on sale in the store?

Randy, KA7HJT, succeeded in getting his daughter into a novice class and subsequently, a nice shiny new call. That was really neat but he has topped that accomplishment by far. He managed to get Marcia, his wife, to take the class. This is the first time that Marcia has had her name in the newsletter and I bet you that it won't be the last. Randy will see to that. Congrats to the Cobb family for sharing a GREAT hobby.....

**INSIDE STUFF....** Most of you know that the VIC-20, the Commodore 64 and their manufacturer, Commodore International (formerly Commodore Business Machines) have been very successful at selling personal computers. But do you know just how successful this firm has been? If you believe Commodore, over one million VIC-20's will be sold this year. But whether you accept this figure or not, the fact remains that if you invested \$1,000 in Commodore stock in 1974, it would be worth nearly \$700,000 today. Adjusted for stock splits, the stock went from a low of 12-1/2 cents in 1974 to a high of 86-1/4 this year.

Commodore's former Vice President of Advanced Systems Engineering, Chuck Peddle, is recognized by many as the key figure in Commodore's success in the personal computing field. He has left Commodore International and is now president of a relatively new and unknown California firm called "Victor Technologies, Inc." They manufacture 16-bit minicomputers and compete with such well known firms as Apple and Tandy Corp. They have just broken into profitability. On March 24th, they issued their first public stock offering at 17-1/2. (Symbol VICR - Over-the-Counter).

W5YI Report

**A THOUGHT FOR 1983--**"Once upon a time there were four people named Everybody, Somebody, Anybody and Nobody. There was an important job to be done and Everybody was sure that Somebody would do it. Anybody could have done it, but Nobody did it. Somebody got angry about that, because it was Everybody's job. Everybody thought Anybody could do it, but Nobody realized that Everybody wouldn't do it. It ended up that Everybody blamed Somebody when Nobody did what Anybody could have done."

HAVE  
YOU  
HUGGED  
YOUR  
OTVARC  
TODAY???

**◆TEXAS INSTRUMENTS TO CUT HOME COMPUTER PRICE BY 50%! -** Industry insiders simply can't believe the marketing approach that TI is taking in the personal computer market. The TI 99/4 started out (with a lousy keyboard) as a \$1,150 unit complete with a monitor. After adding a better (but not much) keyboard, the price came tumbling down to what amounted to \$150 (after a \$100 rebate) and you could use your own TV as a display. The current rebate deal is scheduled to end about now and everyone was wondering what marketing approach TI would take. The word is now out. They will permanently reduce the retail from \$250 to \$150. Another rebate program starts June 1st, however, (\$50) which will net the cost of the TI 99/4A to \$100. The new rebate program will last through January 31, 1984. Still unanswered is what will happen to the new less value TI 99/2 (\$100) computer. And rumors abound that Texas Instruments will introduce a third home computer this summer that will offer more features and sell for more than the 99/4A! W5YI Report

# FIELD DAY!

THE MAIKEN FARM

Here we go again on the clubs fourth fun-filled weekend of field day fun and games. This is a FAMILY outing so dust off the tent, trailer or what have you and head on out to Vernonia for a GREAT time. I will outline for you the major items --- minor details and a map will be seen in next months letter.

**WHEN:** Set-up will begin at 10:00 am on Friday, June 24. Operation will be started at 10:00 am on Saturday. WE NEED LOTS OF HELP ON FRIDAY!! Please make plans now to have that day off. We need you!!!!

**STATIONS:** We will have 2 phone stations, a complete novice station, a high speed CW station and if all goes according to plan, a medium speed CW set-up. We have THREE towers and beams to erect, a ton of dipoles and a couple of shelters to install. Lots of work to do and little time to do it. We had about 45 people out last year to do the work and it was a blast. Lots of comraderie and fun. Friday nite it's feet up in front of the bonfire with a cup or glass of your favorite beverage, good company and tall tales.

**GEAR:** We need 6 solid state rigs, a ton of coax, 10 batteries, 5 or 6 chargers, ropes, stakes, jumper cables, ground rods, keyers, line cords, tarps, garbage cans, a PA system, generators, antenna switches, folding tables and MOST of all, DEDICATED HARD WORKING HAMS.

**KITCHEN AND FOOD:** The cookhouse will seat 60 people and it has a frig, a large wood stove, (don't tell the DEQ) a donated propane stove, real lights and outside is a clean water well. Rustic but very comfortable. THE CLUB IS SERVING SATURDAY NITE DINNER AND SUNDAY MORNING BREAKFAST. ALL CONDIMENTS WILL BE FURNISHED AS WELL AS COFFEE, TEA, PUNCH AND PAPER PLATES AND CUPS. You are asked to bring YOUR OWN UTENSILS! Meal cost will be \$2.00 for the adults and \$1.00 for the 6 thru 12 year olds. The menu will be published in next months newsletter.

**THE SITE:** Full coverage of the site will be given next month. If you have not seen it you are in for a treat. It is beautiful and offers (most) all the comforts of home. A ?-call:

SET-UP AND DONATIONS: Roger, K7RXV 642-1419  
STATION OPERATION: Marty, KA7CTP 644-9244  
FOOD AND FUN: Joanne, WB7QFL 655-6498

## NOVICE NOTEBOOK

Write these down for future reference.  
(From Solid Copy, South Webster OH. by NSCMB)

**PARASITIC ELEMENTS:** A common problem, usually mistletoe growing on your dipole.

**PUSH-PULL AMPLIFIER:** Can be identified by the handle on each end of the case.

**BROADBAND:** Don't let this one fool you, YLs are not restricted to any one band.

**ANTENNA FEED:** Best to use powdered aluminum. It's a pinch, Kibbles 'n Bits will do.

**DIGITAL LOGIC:** Counting on your fingers is permitted in FCC Exams, however square roots and exponential numbers are not recommended unless you are double jointed.

**FERRITE BEADS:** Highly poisonous bait for Ferrites, a small nocturnal animal which feed on coaxial cable. Handle this stuff with rubber gloves.

**DECAY TIME:** Little known property of integrated circuits. The number of days an IC will continue to function before its inside rots out. This time may be slowed down by keeping your radio in an ice box. Use of cold solder joints on IC circuits will help slow down this decay also. See also Polarization.

**FREQUENCY RESPONSE:** Your percentage of confirmed QSOs. More exactly, the number of QSLs you have received divided by the number you have sent out, multiplied by 100. 25% is doing good outside the Novice band. 99% is poor in the Novice band.

**WHEATSTONE BRIDGE:** Small village in Northern England where Marconi's first radio signals were received.

**POLARIZATION:** Operation of a radio in cold environment. CW is usually not used in extremely cold environments as the dits and dahs tend to stick together.

**CHEBYSHEV FILTERS:** Russian cigarettes. Better than 100s for getting QSLs back.

**SHIP FREQUENCY:** A bit redundant, the first ship spotted with a radio.

**SUPPRESSION:** A recent attempt to put severe restrictions on power levels that are presently permitted, headed by several consumer activists. Their data was indicative that VHF and higher radio waves were hazardous to your health. For further reference see the book, "Invisible Enemy."

**DIPOLE ANTENNA:** Any antenna that is suspended from two poles. Hence the name, DI-POLE.

**FOLDED DIPOLE:** A dipole that has not been taken out of the box yet.

## WE ARE HUMBLLED (bow-bow)

The article below, in fine print, appeared in a local clubs newsletter. As implied, I, as editor of OTVARC, should be ashamed of my efforts. I am and so should all the rest of us unprofessional editors in the area. I bow to the superb editorialship of AL7W and the PARC sPARC gap.

Outside of the novel-sized monthly magazine put out by the Anchorage ARC, no other club with whom we exchange publications has the sort of paper that could be called professionally prepared. Most of them make do with a few photocopied sheets, stapled together in one corner, and haphazardly typed. We could do this and be like the rest of them, but the end product would not be a source of pride either for the club or for the people preparing it.

## AID-ABOVE AND BEYOND THE CALL

Recently, Warren, N7BIJ, Roger, K7RXV, Cary, KA7KDB and Dee, KA7NPN, made a trip out to our field day site and put up some new TV antenna feedline, a splitter and a brand new antenna for our hosts, Mr and Mrs. Maiken. A very nice thing for the guys to do for our hosts and the club is grateful also. We enjoy a VERY nice site and wish to continue using it. THANKS...

# 14-MHz Ham Voice Privileges Expanded

During 1980, several amateur originated petitions were submitted to the FCC requesting additional HF voice frequencies since, they argued, existing telephony subbands were congested and amateur voice subband spectrum was inadequate. On March 9th, 1981, the ARRL got on the bandwagon and they, too, filed a petition for rulemaking asking for "relief from congestion in the telephony subband of the 14-MHz amateur band." Assigned RM-3860 by the FCC, it asked for 50 kHz of additional phone frequencies in the General and Extra Class portions of the 20-meter band and 25 kHz additional for the Advanced level. As the ARRL envisioned, the new 20-meter phone band should extend from the 14.150 MHz level rather than the present 14.200.

In support of their petition, the League noted that the population of the U.S. amateur service had doubled in size since the last change in 20-meter phone privileges was made in 1960 and that additional phone spectrum was needed to support increased use of the A3 mode. The FCC had considered expanding the 20-meter telephony subband in 1971 but due to staff personnel changes, altered its direction.

In addition to the NPRM on 20-meter amateur telephony expansion, the Commission simultaneously released an Inquiry seeking information on whether other HF amateur telephony subbands should be increased as well and should they be contiguous with existing voice spectrum. They also asked amateurs "to make specific recommendations as to what frequencies would be best suited to use for additional telephony privileges..." A comment deadline of July 1, 1982 was set. Eight months later the FCC has spoken.

## THE ENVELOPE PLEASE....

In the end, the ARRL won out. They got everything they asked for. The new expanded 20-meter voice subbands are contiguous with existing phone privileges and are as follows:

<u>Lic. Class</u>	<u>New Telephony Subband</u>	<u>Additional Spectrum</u>	<u>Previous A3 Subband</u>
EXTRA	14.150 - 14.350 MHz.	Additional 50 kHz.	Was 14.200-14.350 MHz.
ADVANCED	14.175 - 14.350 MHz.	Additional 25 kHz.	Was 14.200-14.350 MHz.
GENERAL	14.225 - 14.350 MHz.	Additional 50 kHz.	Was 14.275-14.350 MHz.

A Further Notice of Proposed Rule Making was simultaneously issued with the 20-Meter telephony expansion First Report and Order. This proposed to amend the Rules to expand the segments available for telephony use in the other HF bands. Again, the League comments proved to be the deciding factor. The proposal of the FCC reflects that the amateur community does indeed wish to have additional HF phone subband allocations contiguous with existing telephony spectrum. Proposed as a future expansion of voice privileges and issued for public comment....

Remember that the following is only a PROPOSAL. (The 20 meter A3 expansion is an ORDER.)

<u>Lic. Class</u>	<u>Proposed A3 Subband</u>	<u>Additional Spectrum</u>	<u>Present A3 Subband</u>
<u>(80 METERS)</u>			
EXTRA	3750 - 4000 kHz.	Additional 25 kHz.	Is now: 3775 - 4000 kHz.
ADVANCED	3775 - 4000 kHz.	Additional 25 kHz.	Is now: 3850 - 4000 kHz.
GENERAL	3850 - 4000 kHz.	Additional 40 kHz.	Is now: 3890 - 4000 kHz.

## (40 METERS)

No changes for most American amateurs....

...except concurring with a petition (RM-4228) by Randall F. Sobol (KH6XX) of Hawaii who asked that voice privileges between 7075 - 7100 kHz. be authorized in Hawaii and surrounding areas. (NPRM proposes A3 in area west of 150 degrees west longitude and south of 30 degrees north latitude and asks the amateur community to comment on this.)

## (15 METERS)

EXTRA	21.200 - 21.450 MHz.	Additional 50 kHz.	21.250 - 21.450 MHz.
ADVANCED	21.225 - 21.450 MHz.	Additional 45 kHz.	21.270 - 21.450 MHz.
GENERAL	21.300 - 21.450 MHz.	Additional 50 kHz.	21.350 - 21.450 MHz.

## (10 METERS)

ALL*	28.300 - 29.700 MHz.	Additional 200 kHz.	28.500 - 29.700 MHz.
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(\* = Extra Class, Advanced and General Class amateurs.)





# ACTIVITIES

## WE HAVE LOTS

public service-socials-picnic-bunny hunts-field day-convention

### BUNNY HUNT SCHEDULE

5-14 Advanced--Norths, Bvtn. Mall

6-11 Intermediate Bi-Mart Hillsboro  
5-28 Beginner--Norths, Bvtn. Mall

All hunts assemble at 1:30 and start at 2:00. Rules are available for those of you who need them and must be followed. How about a BIG turnout for the next outing!!! Bring your gear or just show up and hitch a ride. Lots of seating is available. CU.

### HAMFAIRS

June 3-4-5 Ore. State Conv.  
July 8-9-10 ARRL in Spokane  
July 16-17 Eugene Hamfair  
Aug. 13-14 Tacoma Hamfair

Pick up registration forms at your local radio store.

Arlene Reed wishes to express her gratitude for the flowers that the club sent her while she was in the hospital. She states that it was a very cheering gift and offers all her thanks.

Dave Parker, W7LJN, is at it again! He just got a new 500cc Crotch Rocket and you can bet that it will end up costing the club money. We don't mind buying flowers for the ladies in distress but no posies given to broken 'Banzai' pilots!!!

## 2M HAPPY HOUR PHONE CONTEST RULES

\*DATE: Friday, May 13, '83 \*TIME: 8:00pm to 9:00pm.

\*FREQUENCY: FM simplex 147.42MHz to 147.57MHz

\*OBJECT: To work as many different stations as possible, and in so doing accumulate the highest possible score. To promote the spirit of friendly competition and sportsmanship.

\*ELIGIBILITY: All licensed Amateur Radio Operators holding a technician class or higher are eligible. Novices are encouraged to help at a multi-op station.

\*EXCHANGE: Call, name, and signal report.

\*MULTI-OP STATIONS are encouraged. One transmitter and one receiver at a time.

\*CASUAL OPERATION is welcomed. Tune in and work your friends, or just make a few contacts. Casual operators add a lot of fun to this contest.

\*SCORE is based on total number of different stations worked. Add one point for each different station worked during contest period. No multipliers.

\*LOGS: Use the log of your choice. Logs are due at the June 15th meeting, or postmarked no later than June 16, '83. Mail logs to:

OTVARC, P.O. Box 5132, Beaverton, OR 97006

\*PRIZES: Our unique HAPPY HOUR engraved plaques will be awarded to the winner and runner up. There will be a drawing from the submitted logs for a prize.

\*IMMEDIATELY FOLLOWING the contest a meeting will be held at Sunshine Pizza in Aloha to speculate on the outcome of the contest. Everyone is invited to attend even if you don't work the contest.

### CLUB JACKETS ARE READY

Pick up at the meeting: KC7RC-N7DUH-W7AXJ-WB7CHK-N7CRQ-WD5GEQ-KD5GJ-KA7KAV-KA7NPN-KA7OSB-KC7PL-K7WTC-KA7MDC-KA7NAM. Lots of new and visible advertising for the club and a warmer-upper for field day. Super!!!!



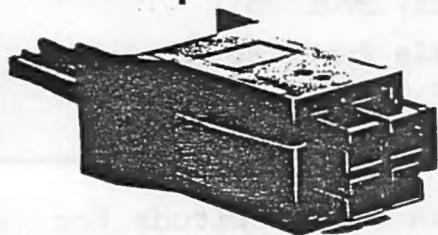
HOWDY  
COUSIN !

## NEW MEMBERS

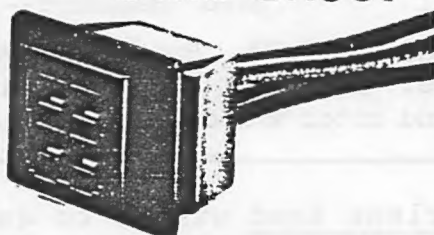
A big OTVARC welcome to the following new members: To Tom Bailey, KA7NAM-Dave Dickson, KA7PWJ-Bill Sykes, W7FYY and to Larry Kibbee, KA7GHQ. Nice to have you all join up.....

CALL CHANGES: John Koenig, N7CRP, to NB7W. Jim Miller, KC7WZ, to NB7R.

## Powerpole® Pak



## Data Sheet



- PURPOSE:** A versatile multi-pole connector package offers high efficiency and reliability for systems requiring wire sizes of 20 to 12 AWG. Maximum connector rating 20 amperes at 600 volts.
- FUNCTION:**
- Ideal for industrial and commercial general purpose connector users. Saves assembly time and maintenance costs.
  - Insures positive connection through spring-loaded snap-action.
  - Helps prevent accidental disconnection through integral latches and cable clamps.
  - Maintains integrity of connection in most environments.
  - Resists corrosion, erosion, dirt and damage.
- PERFORMANCE:** Accommodates solid or stranded wire terminated by Anderson hand crimp tools or semi-automatic/automatic Contact Feed Systems. POWERPOLE connector modules with silver-plated copper contacts and stainless steel springs offer unusually low (600 micro ohm) contact resistance. Three plug sizes accommodate 2 to 8 circuits and present a neat appearance. Snap-In receptacles may be used with panel thicknesses of .030" - .134". Housing (nylon) and connector module (polycarbonate) materials meet U.L. 94V-2 Standard for flame retardation.
- INSTALLATION:** The contact terminated wires are run through the housing and snapped firmly in place over the POWERPOLE spring. The connector cluster is positioned into the housing and secured with retaining pins in a flush or extended position as desired. A cable clamp grips the wires at the rear of the plug.

## EMERGENCY SERVICE CONNECTORS

The article on the left will prove interesting to those of us who are using the new emergency service devices. It will help to expand the capabilities offered by the connectors. If you are in the dark as to all of this, Antronics sells a special connector which will handle high amperage and many in the area are using them. Mainly to offer an easy interchange between different rigs. The multi-plugs shown in the article will be handled for the time being by Wes, K7WWG. The special high capacity wire that works so well with the connectors is being sold by Roger, K7RXV but will be available, soon, at Antronics. Pick up a few connectors and give them a try with your pwr. supply or auto. They really are nifty and the price? LOW!

### HUMBLING FACTS Portion of Veep's column in SHORT CIRCUIT (Arctic A.R.C. Fairbanks AK)

Some of the members may find the following interesting, especially if you are wondering whether you should replace your stacked 20 M Band Openers with that new 18 element long Boom Buster because you couldn't break that pile up into Nevada. Here are some facts I've collected that I read occasionally that keep me humble.

**FACT #1:** W2QHH has 7 band worked all states, 6 Band worked all continents and confirmed 351 countries. This in itself is very respectable but he did it with an end fed Zepp antenna and has NEVER used more than 35 watts in his entire career as a ham!

**FACT #2:** DL3BK has just received the 32nd award for achieving 5-Band worked all zones. Quite an accomplishment. He did it with never more than 100 watts into a Ground Plane.

**FACT #3:** Three years ago, GH30XX was awarded the DXCC Milliwatt award. Not so special you say. A hundred countries have been worked with 5 watts and Yagi antennas. Well this guy did it with 950 milliwatts and a single dipole at 40 feet! At last count he had in excess of 250 countries confirmed!

**FACT #4:** This story really kills me. HH2VP won the Single Op. All Band - All World first place trophy in the 1981 ARRL Inter. DX TEST (CW) with 2.5 Megapoints (2878 QSO and 297 Mult.) So what? This has been done before. Right? Equipment: 200 watt transceiver into a trap vertical on the ground plus a 160 M dipole. He did this barefoot and didn't even use headphones!

**FACT #5:** Bruce Anderson - W9PNE - Builder of the "Secrets Special" (130 MW from a 9 volt battery) is legendary for his exploits with super LOW power. WAS & 32 DXCC at 280 milliwatt output, 37 WAS & 9 DXCC with 100 mW output, 27 WAS & 4 DXCC with 50 mW output, and finally, 11 WAS and 2 DXCC with 25 milliwatts output. This is fantastic. Right? Well get this. Bruce has never used anything but plain old single wire antennas to accomplish these feats.

## No code

*Worldradio has already made its position on the proposed no code license quite clear. On the 24th of March, 1983 we received what is printed below. If ever an argument has been made in favor of keeping the code requirement, this is it:*

Comments of the Albatross on the Ham No Code Rule #83-28 To The Commissioners:

We the members of Albatross Inc., a San Diego, California Citizens Radio Club, have the following ideas on the no-code ham license proposal.

1) We favor a no-code Tech license rather than that digital thing. People want to talk, not play games with Pac Man toys.

2) Any no-code ham license must include the HF bands. In case you don't know what those are, we are talking about the bands under 11-meter CB that hams have. We want special no-code sections for our own use.

3) Since it's a no-code ham license only, no-code hams should give the test. Till

some come along it should be CB operators who test for no code ham licenses.

4) All CB operators must be given a no-code ham license without taking any test. This includes AMers and SSers who operate anywhere from 26 to 28 megacycles wether (sic) they have licenses or not. They already have the radios, so they are halfway there already.

5) The FCC should keep all coded hams away from the new no-code hams by simply giving the no-code hams half the bands the coded hams now have.

6. The test for the no-code ham license should be 10 questions on how a radio works and nothing else. If a guy has a radio he will know how it works and can tell you that.

7) The no-code ham license should be permanent (sic).

Albatross Inc. is proud to do what it can to make the new no-code ham license even bigger than CB. We pledge our support to the American No Code Alliance to get more people on the two-way.

Yours truly,  
RAYMOND B. CORMIER  
President, Albatross #19

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## FOR SALE

Drake R4A receiver-Drake T4 transmitter. AC4 Pwr supply. All cables, manuals and crystals for 10m and WWV. \$350.00 --- will haggle. KC7WP, John Bushell--646-9256

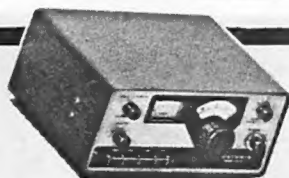
I still have my Yaesu 101E up for grabs. It comes with a YC-601 digital readout, desk and hand mic, manual and power cords for ac and dc operation. All filters are included along with cooling fan and processor. All for a very cheap price of \$475.00. Al at 640-5456.

## VISIT YOUR LOCAL RADIO STORE

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Public Service	Mark Cattell	N7CRQ	245-1230
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Public Relations	(needed)		
Club Raffle	Willie Raines	N7DZR	292-1656
Programs	John Haide	WA7CZA	246-8086
Technical	Roger Steyaert	K7RXV	642-1419
Wash. Cty. EC	"	"	"
Club Socials	Joanne Powers	WB7QFL	655-6498
	Paul Lucas	WB6SHR	641-8703
Club Jackets	Warren Winner	W7JDT	644-0752
RRG INFO	"	"	"
Club Badges	Linda Cereghino	N7CZY	643-5862
Koster Changes	"	"	"
Ham Classes	Bob Orr	KB7CC	297-2732
Bunny Hunts	Mark Cattell	N7CRQ	245-1230
ARRL Membership	John Koenig	NB7W	641-7535
Club Library	(needed)		
Club Scrapbook	(needed)		
Convention	Al Berg	WB7SIC	640-5456
Newsletter	"	"	"
ARRL Assist. Dir.	"	"	"

## Creative Computer & Electronics

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Beaverton, OR 97005

Ron Cooper - NSAIC

Owner

(503) 644-1160

HAM HOROSCOPE - Madame Zulu Lulu  
From HAM GAB (Hamfester's Radio Club, Burbank IL)

ARIES - Surprising information could be revealed concerning a new rig or antenna. Dig into the advertisements, they may not be what they seem. A new country on 40 meters, if you're persistent.

TAURUS - Study Aries message for hint. Emphasis on family matters. Your YL is going to show you that she is really interested in obtaining a license. Although she's not entirely serious it does make you refresh your knowledge.

GEMINI - Base of operations expands; you'll have more working room and potential for success increases. Basic tasks are completed - you do have a right to celebrate perhaps with slow scan. Aries, Libra figure prominently.

CANCER - Accent on romance, creativity, significant changes in the shack. You'll make a new start in new direction, gain added independence and you could even upgrade.

LEO - Follow through on a hunch; excellent leads indicated in connection with equipment, security, long range project. Review directions, check details connected with RTTY. Cancer, Capricorn, Aquarius figure prominently.

VIRGO - Emphasis on ability to diversity, to be flexible and to respond to opportunities. Focus also on short trips, visit, fellow Hamfester and increase social activity. Virgo, Gemini and Sagittarius figure prominently. Wish will be fulfilled.

LIBRA - Details unravel, puzzle pieces fall into place and you fix that rig that has been broken for a long time. You have a green light for creative projects. Aquarius, Scorpio figure prominently.

SCORPIO - Family discussion results in renewed harmony on domestic front. Emphasis on budget, gift purchase, remodeling the shack perhaps with a new linear. Loyalty will be proven. Taurus, Libra and Aries play important role.

CAPRICORN - Accent on community activity, promotion prestige and a "feeler" connected with the club elections. What you possess is worth more than originally anticipated. Know it and proceed accordingly. Cancer plays an important role.

PISCES - Long range projects come into sharp, clear focus. Emphasis on legal battles, education and spiritual values. You'll be rid of burden, you can step forward toward new projects and stimulating friends. Aries, Libra figure prominently.

IF YOUR BIRTHDAY IS IN SEPTEMBER - You are romantic, debonair and come on like a prince. You will refine your moodiness and may even be an officer in the club this year. You are drawn to owning a repeater or going on a DXpedition or working the meteors on CW. Your lucky number is 9, and your best color is orange. Your glamour and wittiness will let you go places.



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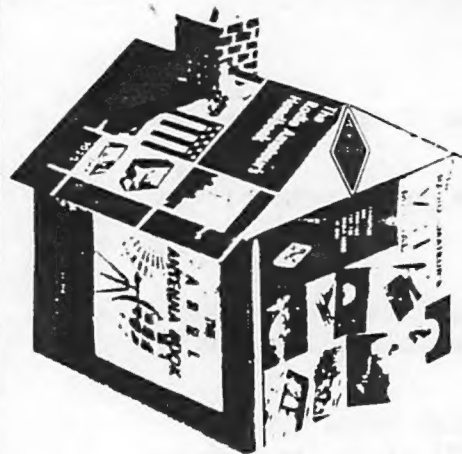


BY-LAW AND CONSTITUTION AMMENDMENTS PROPOSAL

- Constitution: Article II Section D.  
Officers may be removed by a three-fourths vote of the charter and regular membership.
- Amend to read: An officer may be removed by a three-fourths majority vote of the Board. (Board denotes officers and trustees)
- Constitution: Article IV.  
The By-Laws shall provide for regular and special meetings. At meetings, a minimum of one-third of the membership shall constitute a quorum for the transaction of business.
- Amend to read: The By-Laws shall provide for regular and special meetings. At meetings, a minimum of twenty-five percent (25%) of the membership in attendance shall constitute a quorum for the transaction of business.
- By-Laws: Item Five.  
EXPULSION: For due cause may result only by a three-fourths vote of the full membership. Any member can be expelled for due cause.
- Amend to read: EXPULSION: Expulsion, for due cause, may result only by a three-fourths majority vote of the Board. Any member may be expelled for due cause. (Board denotes officers and trustees)
- By-Laws: Item Seven.  
RESIGNATION OF ALL OFFICERS: Shall be in writing unless disqualified by expulsion or dereliction of duty as voted upon by a two-thirds vote of the full membership.
- Amend to read: OFFICER RESIGNATION: Said resignation shall be in writing unless disqualified by expulsion or dereliction of duty.
- By-Laws: \*Item Eight. (see footnote)  
OFFICER EXPULSION: Officer expulsion is possible only by a three-fourths majority vote of the Board. (Board denotes officers and trustees)
- By-Laws: Item 10-a.  
NOMINATION AND ELECTION OF OFFICERS shall be as follows: Prior to annual elections, the president shall appoint the immediate past president, or the highest ranking officer not running for re-election, to chair the nominating committee. The chairperson shall then select two members, not current officers, to serve on the committee. The two members selected must have been OTVARC members for a period of at least one year. The nominating committee shall nominate ONE candidate for each officer position. Additional nominations may be from the floor.
- Amend to read: NOMINATION AND ELECTION OF OFFICERS: Prior to the annual elections, the president shall appoint the immediate past president, or the highest ranking officer not running for re-election, to chair the Nominating Committee. The chairperson shall then select two members, not current officers, to serve on the committee. The two members selected must have been OTVARC members for a period of at least one year. The committee must present one but not more than four screened candidates for each office. The committee is directed to present their nominations without comment nor endorsement. The list of nominees presented by the nominating committee must be confirmed by a motion from the floor, to accept. Additional nominations may be made from the floor. The nominating committees selections must be published in the October issue of the club newsletter.

\*Change existing Item 8 to 9. Item 9 to 10 and Item 10 to 11.

These changes are proposed by the Board and will be voted on at the June meeting. Please be prepared to cast your vote. Thank you.



\*Remember to mention that you are an OTVARC member whenever you make any purchase at Portland Radio or Antronics.

## How can I help?

In almost any field of endeavor, there are those few souls for whom participation is a one-way quest for personal gain or satisfaction, with little thought of making a contribution themselves. In Amateur Radio, fortunately, they appear to constitute a relatively small minority.

Sometimes I make the mistake of assuming that everyone is as enthusiastic about Amateur Radio as I am. Recognizing this to be optimistic, I still believe that most of those who become sufficiently active to experience the rewards of our great avocation also develop a sense of commitment and stewardship regarding its status and future.

It is a simple fact that Amateur Radio would long since have ceased to exist were it not for the collective efforts of the amateurs and the friends of Amateur Radio who, down through the years, have taken it upon themselves to nurture and safeguard its best interests. These efforts have not been confined to espousing our case in international conferences, or before the Federal Communications Commission, as essential as that is. Nor are they the sole province of the leadership in our organizations, at any level.

Rather, they have involved a comparatively high percentage of radio amateurs who have taken it upon themselves to bolster the fortunes and brighten the future of the Amateur Radio Service by providing support and services in a variety of ways.

For example, Amateur Radio wouldn't linger long were it not for the steady influx of bright-eyed newcomers (of all ages). Someone has to help them aboard.

It wouldn't last long if it were not regarded by local, state and federal government as a source of social benefit in one form or another. Someone has to earn that recognition.

Neither would it survive without a national spokesman, someone to be watchful and to fight for our interests at both national and international levels.

To this, one might ask: "But how can I help?"

The answer is: "You probably are helping." But perhaps you'd like to check your contributions against the following guidelines that have been suggested for amateurs who want to put something back into the game:

**Educate.** Convey the message of the values and public contribution of Amateur Radio to your friends, your co-workers, your public officials. Do this through talks and live demonstrations, news accounts, TV and radio interviews.

**Help Amateur Radio grow.** Assist worthy newcomers into Amateur Radio by conducting training classes, giving code practice.

**Get involved.** Join a club, become a club officer, an ARRL appointee, a traffic net member, or run for an ARRL office. Produce or assist in preparing a club or net newsletter. Help run a hamfest.

**Raise the quality of our service.** Provide instruction and guidance on operating practices and ethics to new amateurs (and see if you can find a way to revitalize some of our older ones!).

**Help protect our bands.** Become an official observer or an intruder watch volunteer.

**Join a traffic net.** Help with our emergency preparedness posture.

**Handle traffic and worthy phone patches; make friends for Amateur Radio.**

**Guard your prerogatives in local zoning and tower construction matters, but steer clear of neighborhood flaps over towers and RFI.** Solve these problems yourself, out of court; thousands of amateurs are finding this possible.

**Experiment.** Try new modes, frequencies and equipment; write an article; help raise the level of our technical contribution and image.

**Fix your repeater so it will work through power failures; educate the users to the importance of making a public service contribution, then demonstrate it and offer your services to city or county officials for public event purposes and as a backup in case of emergencies.**

**Be an ambassador of good will.** Make your international contacts count for something more than just DXCC. Make friends, earn their respect and find ways to help our overseas colleagues.

**If you travel, visit foreign amateurs and get to know them in person.** Applaud their accomplishments; ask yourself whether you would have done as well in their circumstances; assist them with their equipment problems.

**If you take part in a DXpedition, try to involve native amateurs if there are any; show them, as well as local citizens and officials, that you appreciate and respect the privilege of operating in their country. Don't show off or press for privileges not normally granted to locals; obey their laws to the letter.**

And, finally... observe the "Three Bs" of Amateur Radio:

**Belong.** Support with your membership your local Amateur Radio club and your national society.

**Be active.** Operate and help demonstrate an active occupancy of our valuable frequencies.

**Behave.** Set a good example on the air. Need it be said? Non-amateurs, including those who will influence our future, may be listening. Free speech doesn't equate to irresponsible speech. Can you suggest others?

73.

VIC CLARK, W4KFC

## NEW "ARRG" OFFICERS

The Amateur Radio Relay Group just held their annual elections and I thought that the members of OTVARC might be interested to know who the lucky electees are. As we may have some newer members that haven't the foggiest idea why this should be in here, I should explain that a very large percentage of the members are involved with the ARRG and vice-versa. ARRG maintains and owns the South Saddle rptr system and also the 04-64 rptr on the channel 6 tower in the west hills.

President: Dale Justice K7WWR  
Vice Pres: Mark Walker W7CLU  
Secretary: Marty McKillip KA7CTP  
Treasurer: Warren Winner W7JDT

### BOARD

Mark Walker	W7CLU	Chairman
Terry Biggs	WB7CHK	Vice Chm.
Dick Powers	WB7ADM	
Marty McKillip	KA7CTP	
Warren Winner	W7JDT	
Al Berg	WB7SIC	
Cliff Soderback	W7VVA	
Dale Justice	K7WWR	

So there you have it. This should clarify things for those of you who may, on occasion, have a question regarding repeater usage or auto-patch problems.

### HOW SMART ARE YOU? From Ham Gab, Brubank IL

(Ed. Note: The following questions were given in an article taken from WOMAN magazine. Some have appeared previously in the Bulletin. Let's see how you do.)

1. You're the pilot of an airplane that travels from New York to Chicago, a distance of 800 miles. The plane goes 200 miles an hour, and it makes one stop for 30 minutes. What is the pilot's name?
2. Is it legal for a man to marry his widow's sister?
3. Which would you rather have, a trunk full of nickles or a half-trunk full of dimes?
4. In the Smith family, there are seven sisters. Each sister has a brother. Including Mr. and Mrs. Smith, how many are there in the family?
5. If the Vice-President of the United States should die, who would be President?
6. How many times can you subtract 2 from 21?
7. How close a relative would the sister-in-law of your father's only brother be?
8. Standing on a hard floor, how can you drop an egg three feet without breaking it?
9. According to the laws of most states, the attempt to commit a crime is punishable, but committing the crime is not. What is the crime?
10. If you drop a steel ball, would it fall more rapidly in water at 20 degrees than at 60 degrees?

.....

Answers on the back page.....



# PROGRAM

With tongue in cheek we announce our next program. Ron, WA7GFE, our contact man with NASA and Richard Underwood, our banquet speaker for the convention, has requested and been assured that we will have a NASA film for show and tell. The film will cover last falls Columbia trip and will cover most of the events involved. The commercial aspect is supposed to be stressed and will show the outer space launch of satellites. At least that is how I interpret it. Anyway, as it comes from NASA and is suggested by Mr. Underwood, we must assume that it will be of great interest and quality. They couldn't promise but will do all they can to also send us a film on the flight that occurred only 4 short weeks ago!! Be prepared for a very interesting show. I am.....

## PUZZLE ANSWERS

1. Whatever your name is.
2. Legality has nothing to do with it. Only dead men have widows.
3. The half-full trunk, since dimes are smaller and worth twice as much as nickels.
4. Ten. Both parents, the seven daughters and just one brother.
5. The President. He's still alive.
6. Only once. From then on you would be subtracting from 19, 17, and so on.
7. Pretty close. She'd be your mother.
8. Hold the egg four feet above the floor. It will drop the first three feet without breaking, then catch Suicide.
9. Sixty degrees. Weather at 20 degrees would be ice.

## SILENT KEY

It is with deep regret that we report the passing of one of our long time members. James 'Hank' Christenson left us on April 17, 1983 after a brief bout with cancer. Hank deserves a full page in this newsletter but let it suffice to say that he will be sorely missed by those of us who knew him. WB7TIJ was a friend to many and a fine man. Born: Oct. 11, 1912. Extra class-#42...

## CONVENTION NEWS

Things are going so well that some of the committees are concerned that we are overlooking something. Truly, the processes are fitting together and it appears that we shall have a very outstanding convention. Along with the well oiled plans we might mention that we have an outstanding slate of seminars planned. All of them are now scheduled. Look for standing room only in some of them! Registrations are going right along about even with last year and banquet requests are considerably higher. As are flea market reservations. The prize committee has come up with a microwave for the young lady in the family and for the banquet we will be giving away a Vic 20. We should see a lot of interest in the Vic. No, not everybody has a computer. If the last three or four potential exhibitors confirm, we will have a nice increase in the number of tables filled. No empty booths this year!!! We will have more computer related booths and about the same number of basic ham related dealers. The club motel has, as of this writing, about 7 rooms yet to fill. If you have been thinking but not acting, better not wait any longer. You might be left holding the bag-your suitcase! The hospitality room at the motel will, this year, be non-existent. If the social committee will be kind enough to maintain a coffee pot in it, that will be it. Too much hassle last year in getting people to understand the how and WHY of it. Don't need any more hard feelings. Only hope the dealers aren't upset!!!! If you haven't registered, PLEASE do it now. CU in Seaside. HELP! (security)

Mark, N7CRQ, our Public/Emergency Service committee chairman, wishes to thank the following people for their help during the April 8-9-10 Kidney Assoc. 'Keg Roll'. K7TGD, KC7YS, KI7F, KA7HOJ and WB7FJC. A thoughtful way to use a weekend! If you can't donate money, time is the choice. THANK YOU.



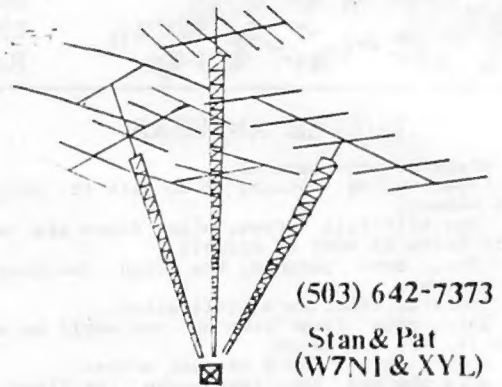
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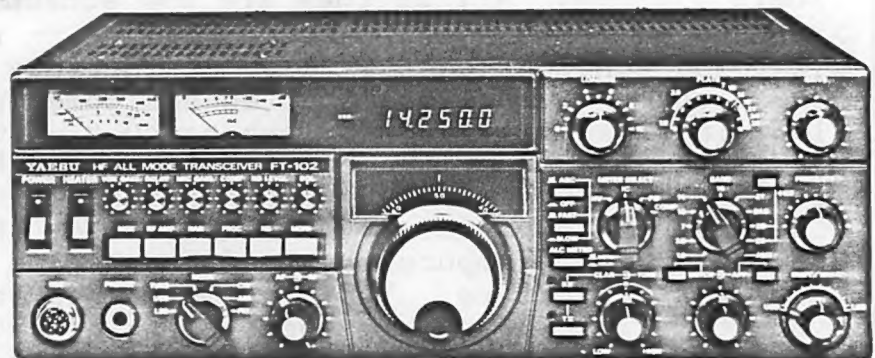
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